

10/506857

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## SEQUENCE LISTING

<110> Soto, Claudio  
Lagos, Rosalba

<120> APOPTOGENIC-BACTERIOCINS COMBINING BROAD SPECTRUM  
ANTIBIOTIC AND SELECTIVE ANTI-TUMORAL ACTIVITIES,  
AND COMPOSITIONS AND USES THEREOF

<130> 2641-1-001PCT

<140> PCT/IB03/00821

<141> 2003-03-05

<150> US 60/361,804

<151> 2002-03-05

<160> 4

<170> PatentIn version 3.1

<210> 1

<211> 103

<212> PRT

<213> Klebsiella pneumoniae

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Met Glu Leu Arg Met Arg Glu Ile Ser Gln Lys Asp Leu Asn Leu Ala  
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Phe Gly Ala Gly Glu Thr Asp Pro Asn Thr Gln Leu Leu Asn Asp Leu  
20 25 30

Gly Asn Asn Met Ala Trp Gly Ala Ala Leu Gly Ala Pro Gly Gly Leu  
35 40 45

Gly Ser Ala Ala Leu Gly Ala Ala Gly Gly Ala Leu Gln Thr Val Gly  
50 55 60

Gln Gly Leu Ile Asp His Gly Pro Val Asn Val Pro Ile Pro Val Leu  
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Gly Glu Thr Asp Pro Asn Thr Gln Leu Leu Asn Asp Leu Gly Asn Asn  
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20 25 30

Ala Leu Gly Ala Ala Gly Gly Ala Leu Gln Thr Val Gly Gln Gly Leu  
35 40 45

Ile Asp His Gly Pro Val Asn Val Pro Ile Pro Val Leu Ile Gly Pro  
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Ser Trp Asn Gly Ser Gly Ser Gly Tyr Asn Ser Ala Thr Ser Ser Ser  
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Gly Ser Gly Ser

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20 25 30

Met Ser Asn Ala Ala Trp Gly Pro Pro Leu Val Pro Glu Arg Phe Arg  
35 40 45

Gly Met Ala Val Gly Ala Ala Gly Gly Val Thr Gln Thr Val Leu Gln  
50 55 60

Gly Ala Ala Ala His Met Pro Val Asn Val Pro Ile Pro Lys Val Pro  
65 70 75 80

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20 25 30

Gly Met Ala Val Gly Ala Ala Gly Gly Val Thr Gln Thr Val Leu Gln  
35 40 45

Gly Ala Ala Ala His Met Pro Val Asn Val Pro Ile Pro Lys Val Pro  
50 55 60

Met Gly Pro Ser Trp Asn Gly Ser Lys Gly  
65 70

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<210> 1

<211> 103

<212> PRT

<213> Klebsiella pneumoniae

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Met Glu Leu Arg Met Arg Glu Ile Ser Gln Lys Asp Leu Asn Leu Ala  
1 5 10 15

Phe Gly Ala Gly Glu Thr Asp Pro Asn Thr Gln Leu Leu Asn Asp Leu  
20 25 30

Gly Asn Asn Met Ala Trp Gly Ala Ala Leu Gly Ala Pro Gly Gly Leu  
35 40 45

Gly Ser Ala Ala Leu Gly Ala Ala Gly Gly Ala Leu Gln Thr Val Gly  
50 55 60

Gln Gly Leu Ile Asp His Gly Pro Val Asn Val Pro Ile Pro Val Leu  
65 70 75 80

Ile Gly Pro Ser Trp Asn Gly Ser Gly Ser Gly Tyr Asn Ser Ala Thr  
85 90 95

Ser Ser Ser Gly Ser Gly Ser  
100

<210> 2  
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<212> PRT  
<213> Klebsiella pneumoniae

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Gly Glu Thr Asp Pro Asn Thr Gln Leu Leu Asn Asp Leu Gly Asn Asn  
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Met Ala Trp Gly Ala Ala Leu Gly Ala Pro Gly Gly Leu Gly Ser Ala  
20 25 30

Ala Leu Gly Ala Ala Gly Gly Ala Leu Gln Thr Val Gly Gln Gly Leu  
35 40 45

Ile Asp His Gly Pro Val Asn Val Pro Ile Pro Val Leu Ile Gly Pro  
50 55 60

Ser Trp Asn Gly Ser Gly Ser Gly Tyr Asn Ser Ala Thr Ser Ser Ser  
65 70 75 80

Gly Ser Gly Ser

<210> 3  
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Met Tyr Met Arg Glu Leu Asp Arg Glu Glu Leu Asn Cys Val Gly Gly  
1 5 10 15

Ala Gly Asp Pro Leu Ala Asp Pro Asn Ser Gln Ile Val Arg Gln Ile  
20 25 30

Met Ser Asn Ala Ala Trp Gly Pro Pro Leu Val Pro Glu Arg Phe Arg  
35 40 45

Gly Met Ala Val Gly Ala Ala Gly Gly Val Thr Gln Thr Val Leu Gln  
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Gly Ala Ala Ala His Met Pro Val Asn Val Pro Ile Pro Lys Val Pro  
65 70 75 80

Met Gly Pro Ser Trp Asn Gly Ser Lys Gly  
85 90

<210> 4  
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<212> PRT  
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<400> 4

Ala Gly Asp Pro Leu Ala Asp Pro Asn Ser Gln Ile Val Arg Gln Ile  
1 5 10 15

Met Ser Asn Ala Ala Trp Gly Pro Pro Leu Val Pro Glu Arg Phe Arg  
20 25 30

Gly Met Ala Val Gly Ala Ala Gly Gly Val Thr Gln Thr Val Leu Gln  
35 40 45

Gly Ala Ala Ala His Met Pro Val Asn Val Pro Ile Pro Lys Val Pro  
50 55 60

Met Gly Pro Ser Trp Asn Gly Ser Lys Gly  
65 70